

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR 03/01593-0

## CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup>: H05B 41/392

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup>: H05B 41/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0752805 A1 (MAGNETEK S.p.A.) 8 January 1997 (08.01.1997) <i>the whole document.</i>	1-5
X	US 6166491 A (TSUCHIYA ET AL.) 26 December 2000 (26.12.2000) <i>abstract; figures 4, 15 + description.</i>	1-3
X	US 6424100 B1 (KOMINAMI ET AL.) 23 July 2002 (23.07.2002) <i>abstract; figures 1, 3 + description; column 2, lines 19-67.</i>	1, 2
X	EP 0477922 A1 (TOSHIBA LIGHTING & TECHNOLOGY CORPORATION) 1 April 1992 (01.04.1992) <i>abstract; figures 1, 3 + description.</i>	1, 2
X	US 2002/0053886 A1 (HARA ET AL.) 9 May 2002 (09.05.2002) <i>abstract; figure 1 + description.</i>	1
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☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

„A“ document defining the general state of the art which is not considered to be of particular relevance

„E“ earlier application or patent but published on or after the international filing date

„L“ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

„O“ document referring to an oral disclosure, use, exhibition or other means

„P“ document published prior to the international filing date but later than the priority date claimed

„T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

„X“ document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

„Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

„&“ document member of the same patent family

Date of the actual completion of the international search

12 February 2004 (12.02.2004)

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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Patent document cited in search report			Publication date		Patent family member(s)			Publication date	
EP	A	477922			KR	B	9409839	1994-10-17	
					KR	B	9404786	1994-05-28	
					EP	A	0477922	1992-04-01	
					JP	A	4133298	1992-05-07	
EP	A	752805			EP	A	0752805	1997-01-08	
US	A	20020053 886					none		
US	A	6166491	2000-12-26		KR	A	2000005919	2000-01-25	
					JP	A	2000058285	2000-02-25	
US	B	6424100	2002-07-23		TW	B	520618	2003-02-11	
					JP	A	2001189198	2001-07-10	